

RAČUNANJE KOORDINATA TOČKA POLARNOM METODOM

A. Slaviček

Staja- lište	Broj točke	Orijentacija (β)			Vertikalni kut			$d_{kosa} (m)$	$d_{hor} =$ $d_k * \sin V k_i$	$v_i = v + \beta_i$			$\Delta y_i =$ $d_i * \sin v_i$	$\Delta x_i =$ $d_i * \cos v_i$	$\Delta h =$ $d_{ki} * \cos V k_i$	$Y_n =$ $Y_{ST} + \Delta y_i$	$X_n =$ $X_{ST} + \Delta x_i$	$H_n =$ $H_{ST} + \Delta h + i - s$	Broj točke	
		°	'	"	°	'	"			°	'	"								
PT1																5.551.416,20	5.103.719,25	179,76	PT1	
Ori.	PT2	0	00	00						180	02	19				5.551.416,03	5.103.467,83	179,12	PT2	
$i =$	5	291	14	59	89	22	32	24,988	24,987	111	17	18	23,28	-9,07	0,27	5.551.439,48	5.103.710,18	179,73	5	
1,70	6	297	42	10	88	58	00	18,984	18,981	117	44	29	16,80	-8,84	0,34	5.551.433,00	5.103.710,41	179,80	6	
$s =$	7	294	19	55	88	57	27	18,483	18,480	114	22	14	16,83	-7,63	0,34	5.551.433,03	5.103.711,62	179,80	7	
2,00	8	293	07	40	87	56	32	17,722											8	
	9	296	01	13	87	44	47	15,823											9	
	10	298	29	38	88	43	49	15,476											10	
	11	302	15	35	88	43	44	16,100											11	
	12	290	31	21	88	39	58	14,692											12	
	13	286	52	25	88	52	30	17,644											13	
	14	288	03	56	88	27	54	17,502											14	
	15	291	03	25	88	10	35	14,977											15	
	16	320	53	25	88	23	34	11,128											16	
	17	288	26	14	88	42	40	14,884											17	
	18	286	03	58	88	54	39	17,810											18	
	19	248	48	36	89	22	27	28,171											19	
	20	246	38	07	89	36	05	48,766											20	
																Zadatak:	5551416,**	5103719,**	179,**	PT1
																** = broj u dnevniku			A. Slaviček	